

What is Claimed is:

1. A printable substrate for passing through a printer or copier comprising a print medium adapted to print desired indicia thereon and one or more fold lines within said print medium, each of which extends along the length or width of said print medium and defines a location where the print medium can be folded;

wherein said one or more fold lines comprises of a) a discontinuous line of microperforations extending through or substantially through the thickness of said print medium and b) intermittent non-perforated sections,

wherein said fold lines permit the print medium to be folded and unfolded at least once along their length before printing or after printing without separation of the print medium along the fold lines.

2. A printable substrate as in claim 1, in the form of a separate sheet, continuous fanfold sheets, a continuous roll, or a laminate selected from the group consisting of label laminates, and forms with labels integrated therein.

3. A printable substrate as in claim 2, wherein the print medium is selected from the group consisting of onion-skin papers, calendared papers, supercalendared papers, card stock, thermal papers, bond papers and acrylic sheets.

4. A printable substrate as in claim 3, which is a form with removable labels integrated therein having preprinted indicia on said print medium.

5. A printable substrate as in claim 1, which requires more than 2 kilograms of force to separate the print medium along its fold line.

2008-10-20 10:00:00

6. A printable substrate as in claim 1, wherein the microperforations penetrate through 40 to 100% of the thickness of said print medium.

7. A printable substrate as in claim 1, having two or more fold lines.

8. A printable substrate as in claim 1, wherein the microperforations have a maximum dimension in the range 0.2 mm to 0.4 mm and the ties between these microperforations are less than 0.5 mm in length.

9. A printable substrate as in claim 1, wherein the non-perforated sections comprise from 10 to 80% of the fold line.

10. A printable substrate as in claim 1, wherein the non-perforated sections comprise from 40 to 60% of the fold line.

11. A printable substrate as in claim 10, wherein the non-perforated sections have a length of from 1 to 5 mm.

12. A printed substrate as in claim 11, wherein the non-perforated sections have a length of up to 20% of the width of said print medium.

13. A printable substrate as in claim 12, wherein the non-perforated sections are of equal length and the sections of microperforations are of equal length.

14. A printable substrate as in claim 1, wherein the non-perforated sections on the fold line are of different lengths and are spaced unevenly along the fold line.

15. A printable substrate as in the claim 1, wherein the non-perforated sections are positioned on the fold line so as to be aligned with feed rollers of a preselected printer.

16. A printable substrate as in claim 15, wherein non-perforated sections of from 2 cm to 10 cm are positioned on the fold line within 1 to 3 inches of each edge of said printer medium so as to be aligned with the print rollers of a printer.

17. A printable substrate as in claim 1, which requires more than 5 kilograms of force to separate the print medium along its fold line.

18. A printable substrate for passing through a printer or copier comprising a print medium adapted to print desired indicia thereon and

one or more fold lines within said print medium, each of which extends along the length or width of said print medium and defines a location where the print medium can be folded;

wherein said one or more fold lines comprises of a) a discontinuous line of microperforations extending through or substantially through the thickness of said print medium and b) intermittent non-perforated sections,

wherein said fold lines permit the print medium to be folded and unfolded at least once along their length before printing or after printing without separation of the print medium along the fold lines,

wherein more than 5 kilograms of force is required to separate the print medium along said fold lines.

19. A printable substrate as in claim 18, which is a form with removable labels integrated therein having preprinted indicia on said print medium.

Sub
172

20051352 011302